

# SEQUENCE LISTING

<110> Robert G. Korneluk et al.

<120> METHODS AND COMPOUNDS FOR MODULATING  
MALE FERTILITY

<130> 07891/018002

<140> 09/239,867

<141> 1999-01-29

<150> 60/073,001

<151> 1998-01-29

<160> 10

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1559

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (1)...(1559)

<223> n = A,T,C or G

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ccggcttttg agagctggac aggtggtgga tagatcagac tccatacacc cgaggagccc	480
cgccatgcat agtgaagaag ctagataaca gtcgtttcac aactggccag cctctgccc	540
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gcagtgtctt tgttgtggcg gaaaactgaa aaactgggaa cctggtgatc gtgcctggtc	660
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cgtcaacaaa gagcagcttg caagagctgg attttatgct ataggtcaag aggataaagt	900
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acagcatgct aaatggtatc caggttgcaa atatctgcta gaagagaagg gacatgaata	1020
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aacaccatca ctaactaaaa gaatcagtga taccatcttc cctaatecta tgctacaaga	1140
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 <211> 236  
 <212> PRT  
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		20						25					30		
Gln	Glu	Asp	Lys	Val	Gln	Cys	Phe	His	Cys	Gly	Gly	Gly	Leu	Ala	Asn
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Trp	Lys	Pro	Lys	Glu	Asp	Pro	Trp	Glu	Gln	His	Ala	Lys	Trp	Tyr	Pro
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Gly	Cys	Lys	Tyr	Leu	Leu	Glu	Glu	Lys	Gly	His	Glu	Tyr	Ile	Asn	Asn
65				70						75				80	
Ile	His	Leu	Thr	Arg	Ser	Leu	Glu	Gly	Ala	Leu	Val	Gln	Thr	Thr	Lys
				85					90					95	
Lys	Thr	Pro	Ser	Leu	Thr	Lys	Arg	Ile	Ser	Asp	Thr	Ile	Phe	Pro	Asn
		100						105					110		
Pro	Met	Leu	Gln	Glu	Ala	Ile	Arg	Met	Gly	Phe	Asp	Phe	Lys	Asp	Val
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		130				135					140				
Thr	Leu	Glu	Val	Leu	Val	Ala	Asp	Leu	Val	Ser	Ala	Gln	Lys	Asp	Thr
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Thr	Glu	Asn	Glu	Leu	Asn	Gln	Thr	Ser	Leu	Gln	Arg	Glu	Ile	Ser	Pro
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Glu	Glu	Pro	Leu	Arg	Arg	Leu	Gln	Glu	Glu	Lys	Leu	Cys	Lys	Ile	Cys
			180				185						190		
Met	Asp	Arg	Tyr	Ile	Ala	Val	Val	Phe	Ile	Pro	Cys	Gly	His	Leu	Val
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gcagggttttc ttatatactgg tgaaggagat accgtgcggt gcttttagttg tcatgcagct 240
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gttttggggcc ggaatcttaa tattcgaagt gaatctgatg ctgtgagttc tgataggaat 780
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      35              40              45
Trp Lys Pro Ser Glu Asp Pro Trp Glu Gln His Ala Lys Trp Tyr Pro
      50              55              60
Gly Cys Lys Tyr Leu Leu Glu Gln Lys Gly Gln Glu Tyr Ile Asn Asn
      65              70              75              80
Ile His Leu Thr His Ser Leu Glu Glu Cys Leu Val Arg Thr Thr Glu
      85              90              95
Lys Thr Pro Ser Leu Thr Arg Arg Ile Asp Asp Thr Ile Phe Gln Asn
      100              105              110
Pro Met Val Gln Glu Ala Ile Arg Met Gly Phe Ser Phe Lys Asp Ile
      115              120              125
Lys Lys Ile Met Glu Glu Lys Ile Gln Ile Ser Gly Ser Asn Tyr Lys
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Ser Leu Glu Val Leu Val Ala Asp Leu Val Asn Ala Gln Lys Asp Ser  
 145 150 155 160  
 Met Gln Asp Glu Ser Ser Gln Thr Ser Leu Gln Lys Glu Ile Ser Thr  
 165 170 175  
 Glu Glu Gln Leu Arg Arg Leu Gln Glu Glu Lys Leu Cys Lys Ile Cys  
 180 185 190  
 Met Asp Arg Asn Ile Ala Ile Val Phe Val Pro Cys Gly His Leu Val  
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 225 230 235

<210> 5  
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 ngcaagcgcc cactccaccg cgtgggtttcc agctggaggc tgggagcggt ngtggcttcc 240  
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 gcgcgcggtg ctaatcgtgg gtcgtcagcc tgggtggctg ggcccggctt agggcagggt 360  
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<210> 6  
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<221> VARIANT  
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<221> VARIANT  
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 <223> Xaa = Any Amino Acid

<400> 6

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 20 25 30  
 Xaa Xaa Xaa Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
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 50 55 60  
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<221> VARIANT  
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 20 25 30  
 Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
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20 25 30  
Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa  
35 40 45  
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa  
20 25 30  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa  
35 40 45  
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa  
50 55 60  
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<221> VARIANT  
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 20 25 30  
 Xaa Xaa Cys  
 35